



# Sewage heat recovery

## EXPLORING THE POTENTIAL IN METRO VANCOUVER

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IDEA2018, Vancouver, BC, June 11, 2018

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# Outline

- Regional context
- Why sewer heat?
- Regional capacity assessment
- Policy
- Effluent heat project example

# Metro Vancouver

23 Member  
Jurisdictions

Population  
2.4 million

Land Area  
287,736 ha

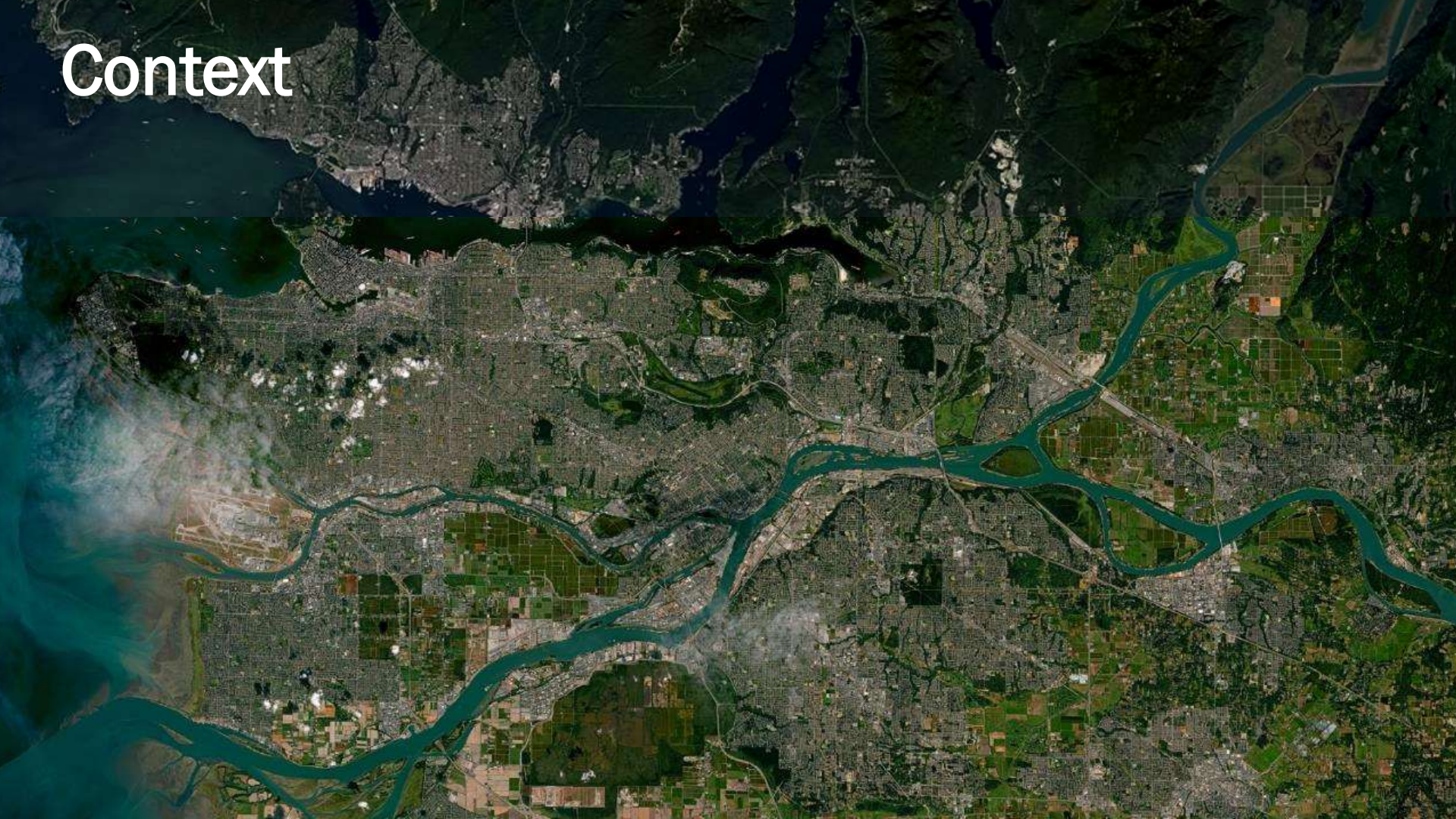


# Wastewater System

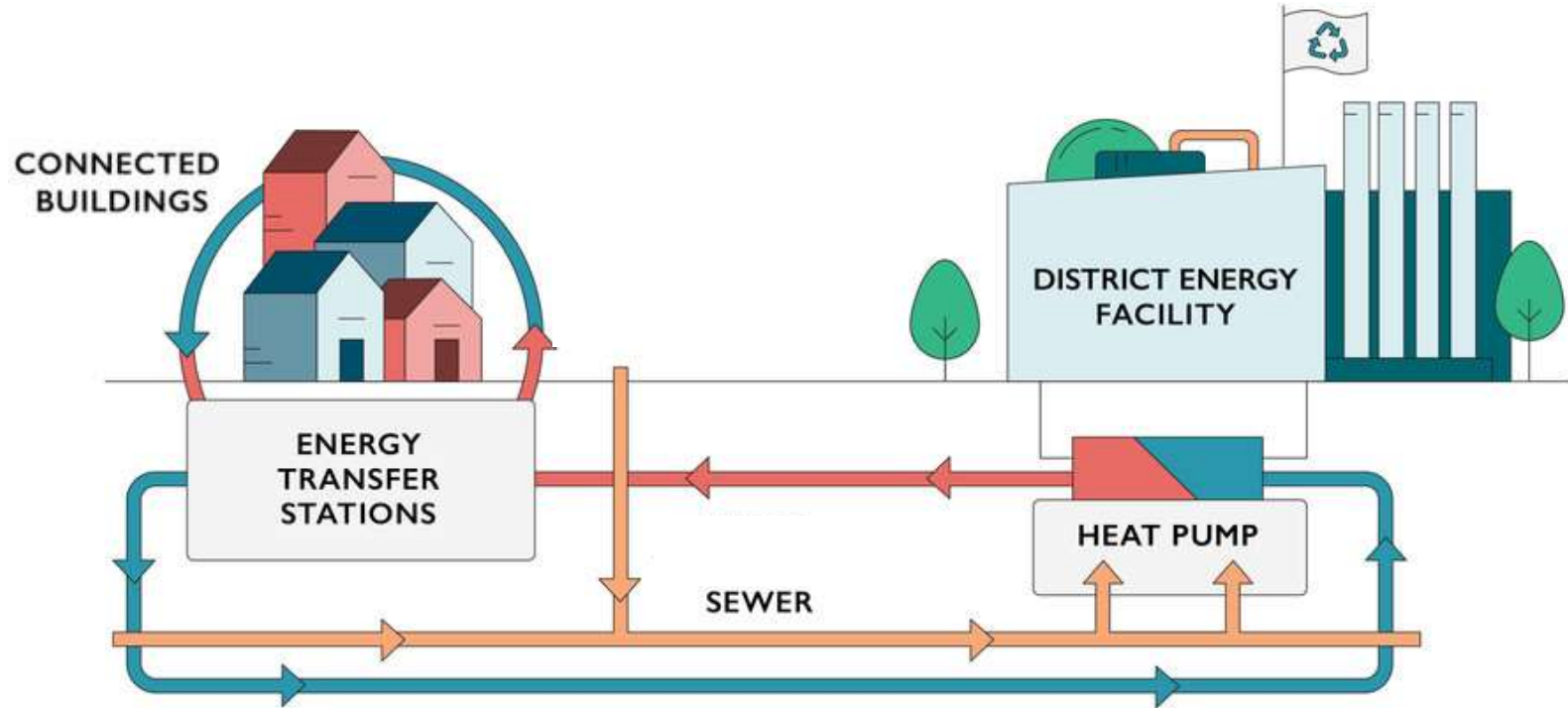




# Context

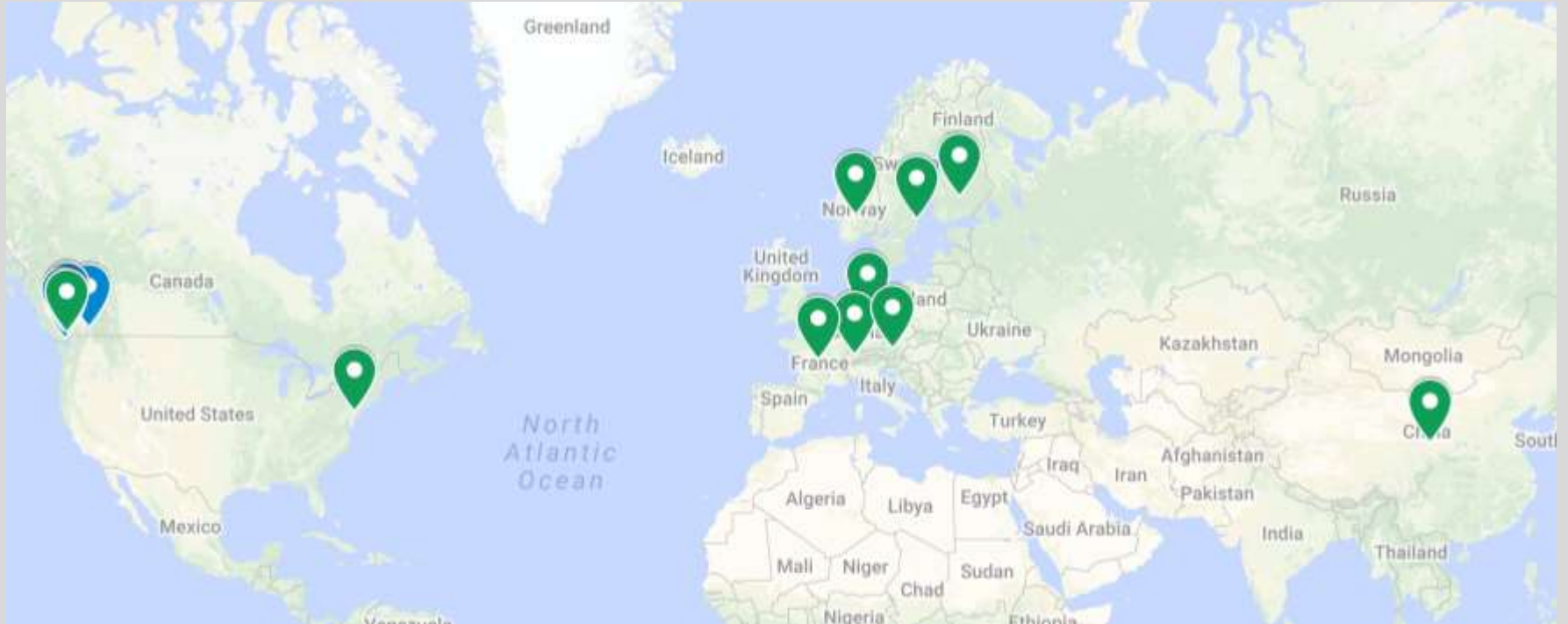


# What is sewer heat recovery?

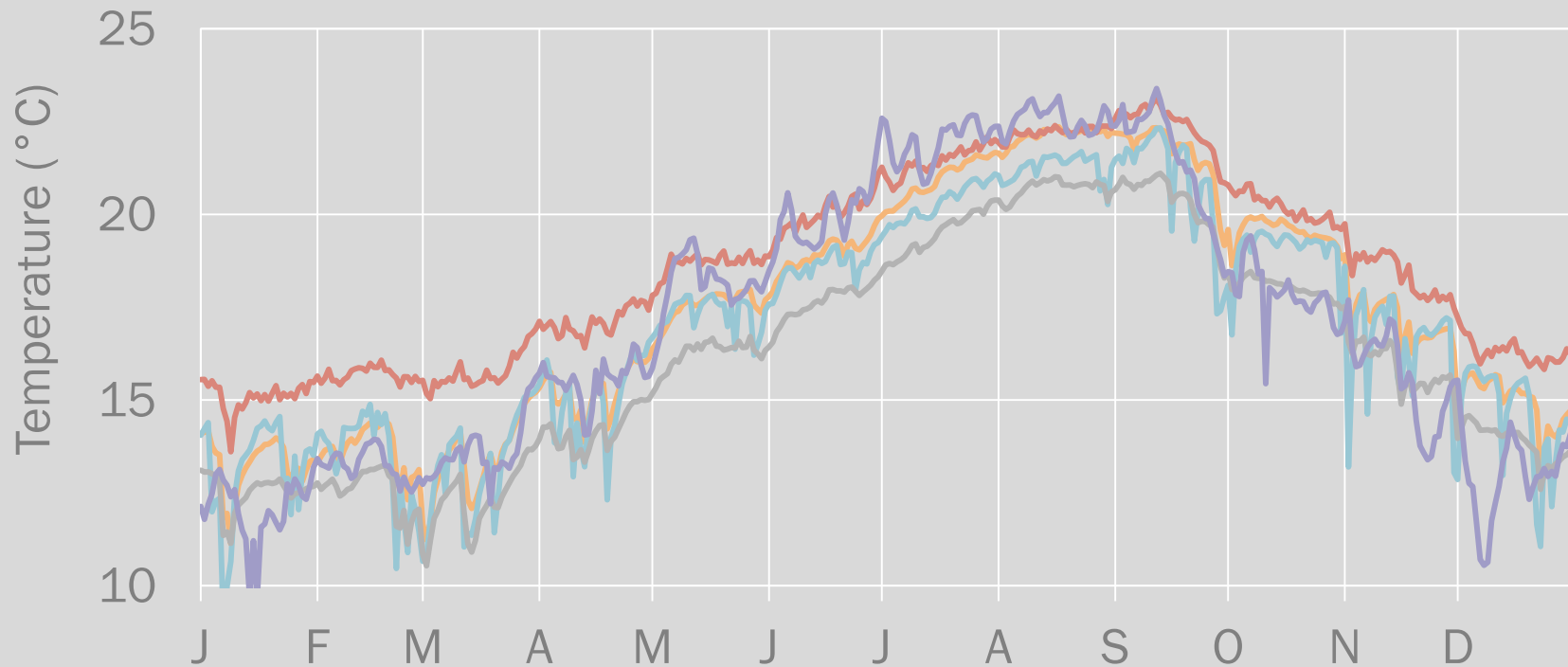




# How common is sewer heat recovery?



# Why use sewage?

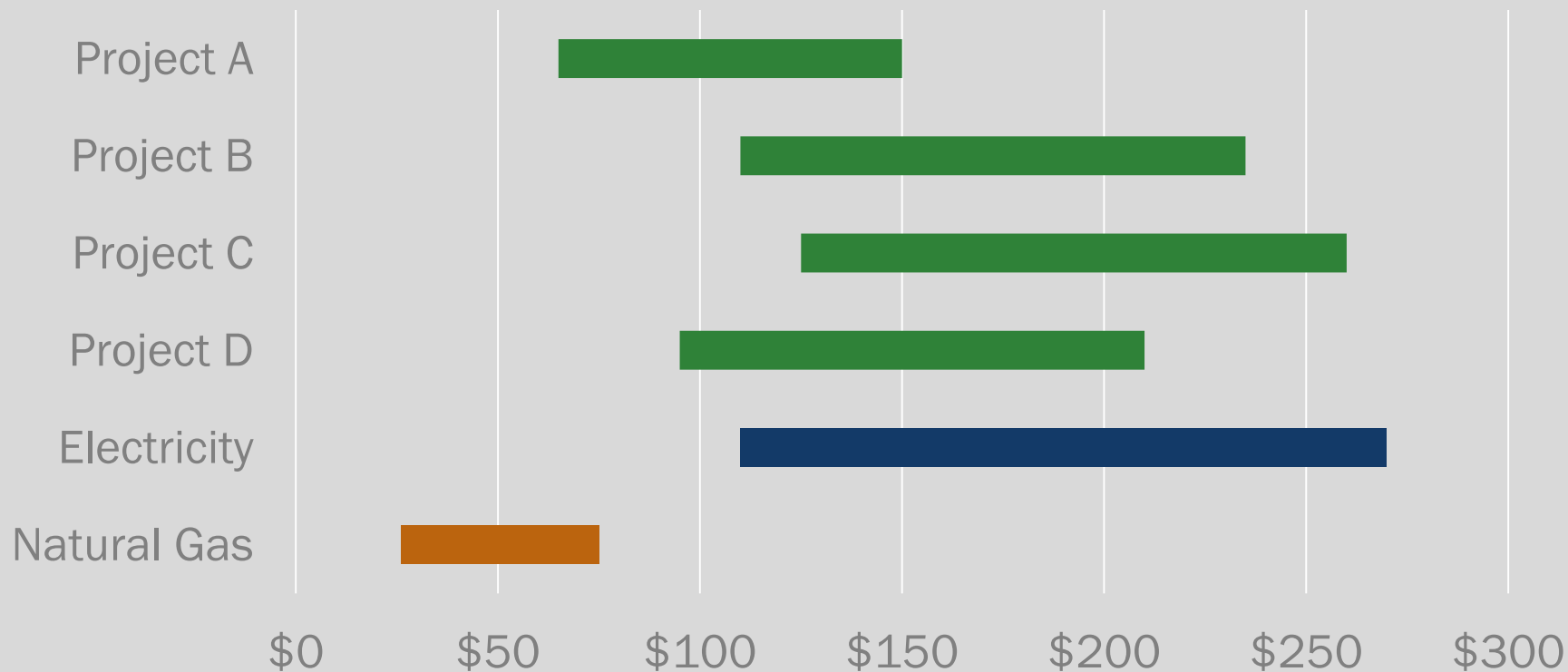




# Regional capacity



# Financial viability





# Liquid Waste Heat Recovery Policy

- Allocation of heat
- Ownership and responsibilities
- Cost recovery
- Environmental attributes



# Effluent Heat Recovery at North Shore Wastewater Treatment Plant





# Summary and challenges





Thank you

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